

FIG. 1

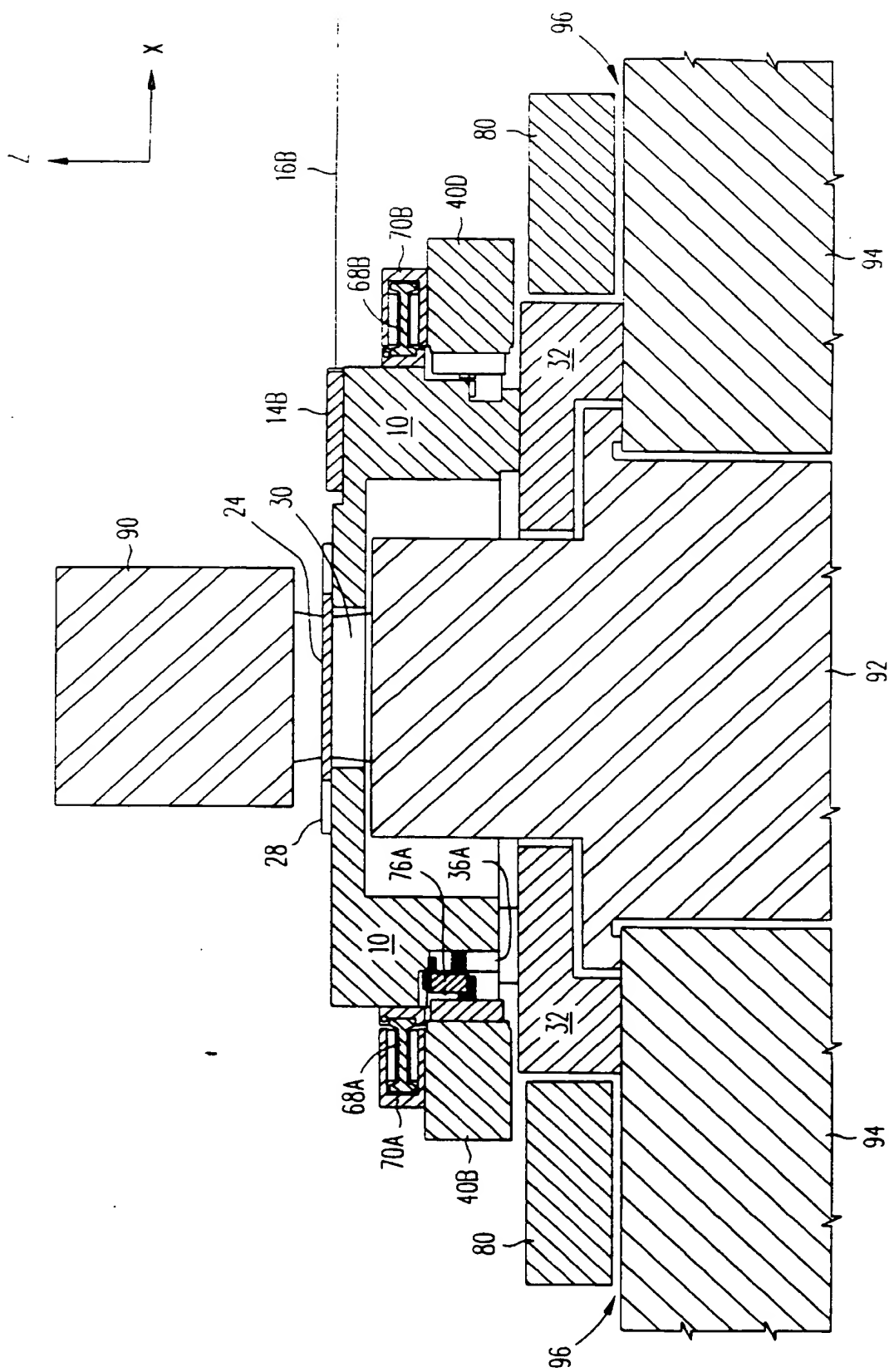


FIG. 2

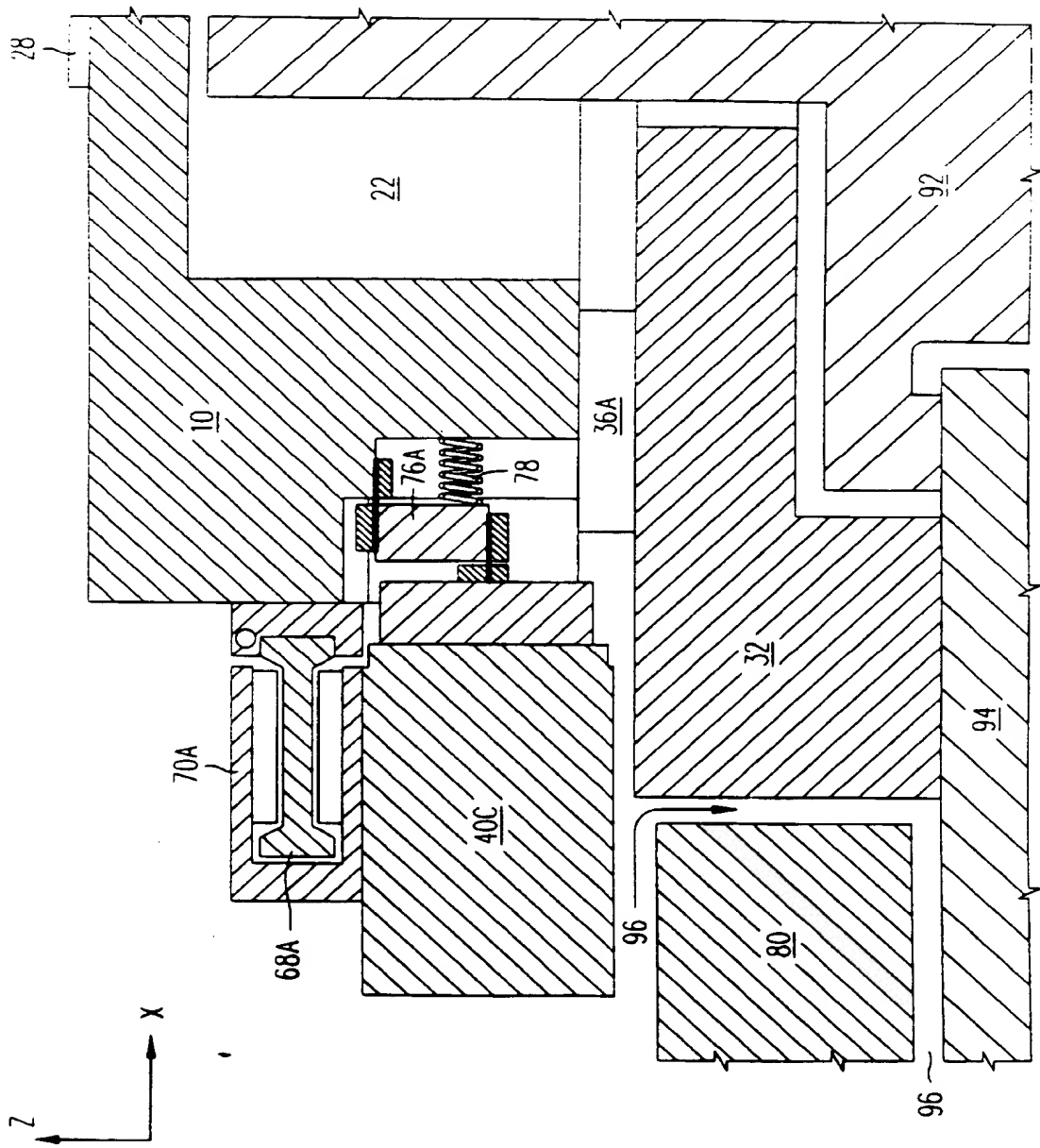


FIG. 3A

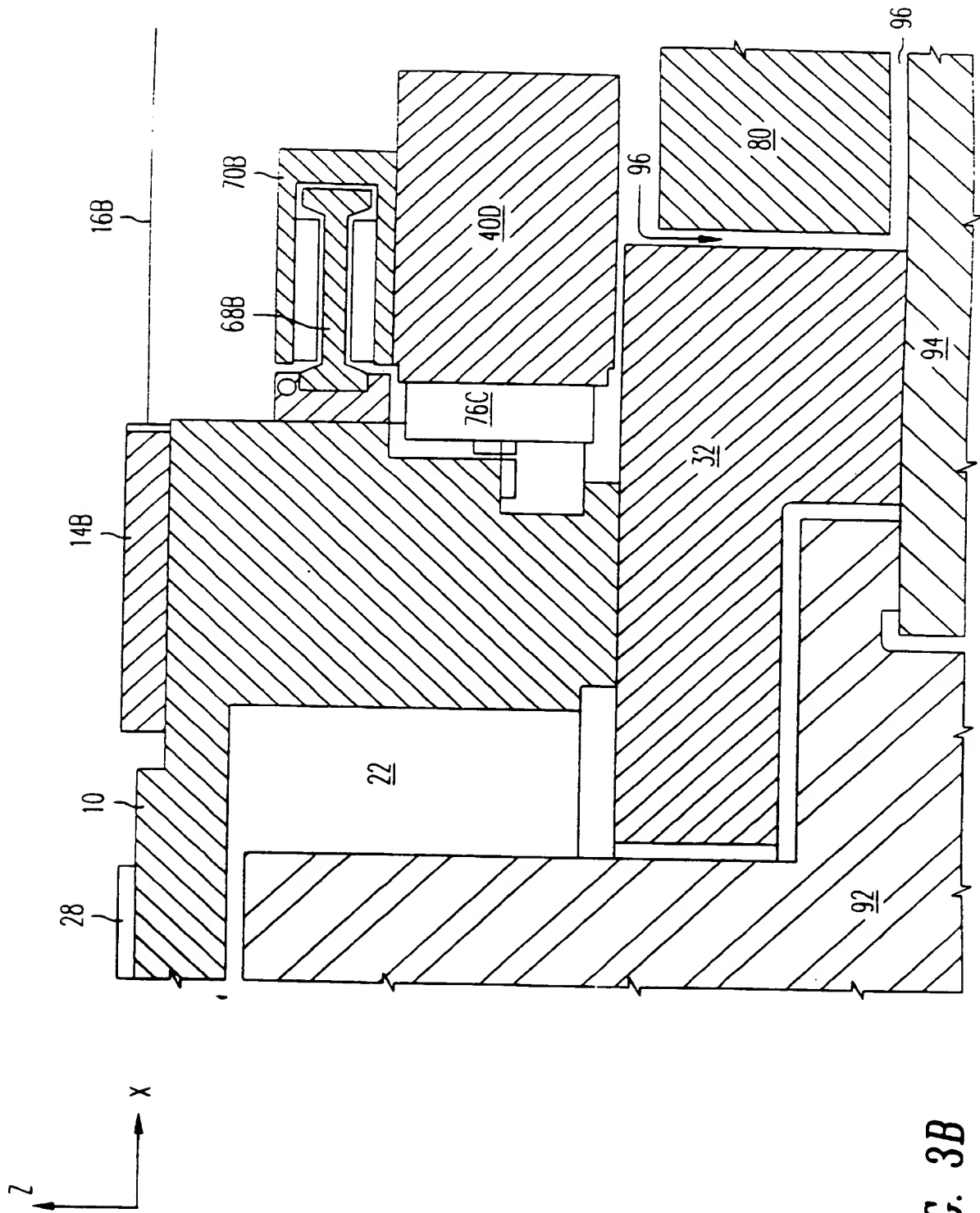


FIG. 3B



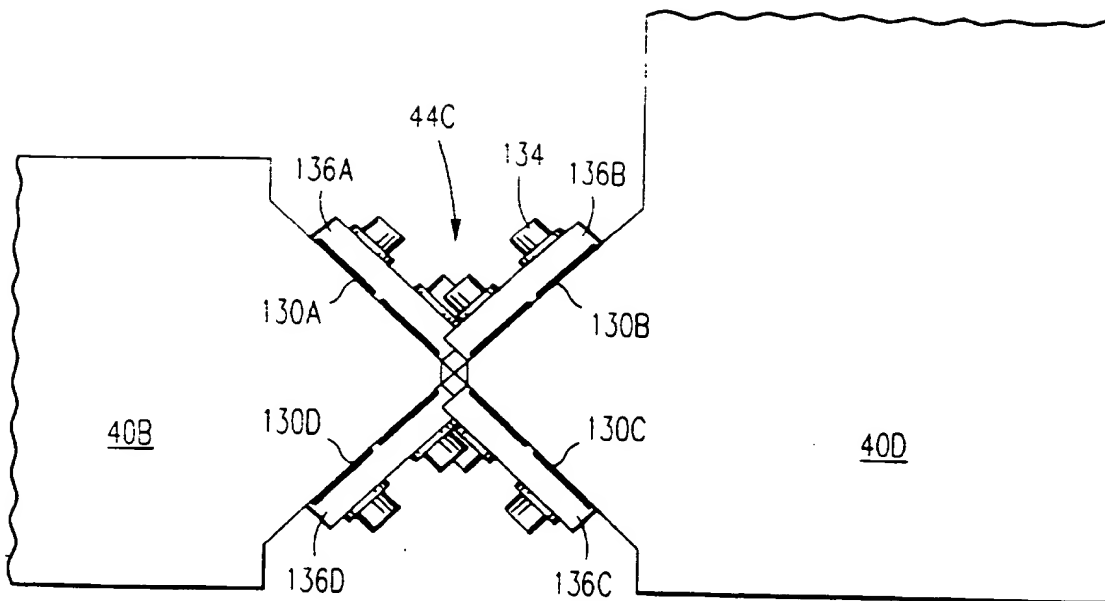


FIG. 6A

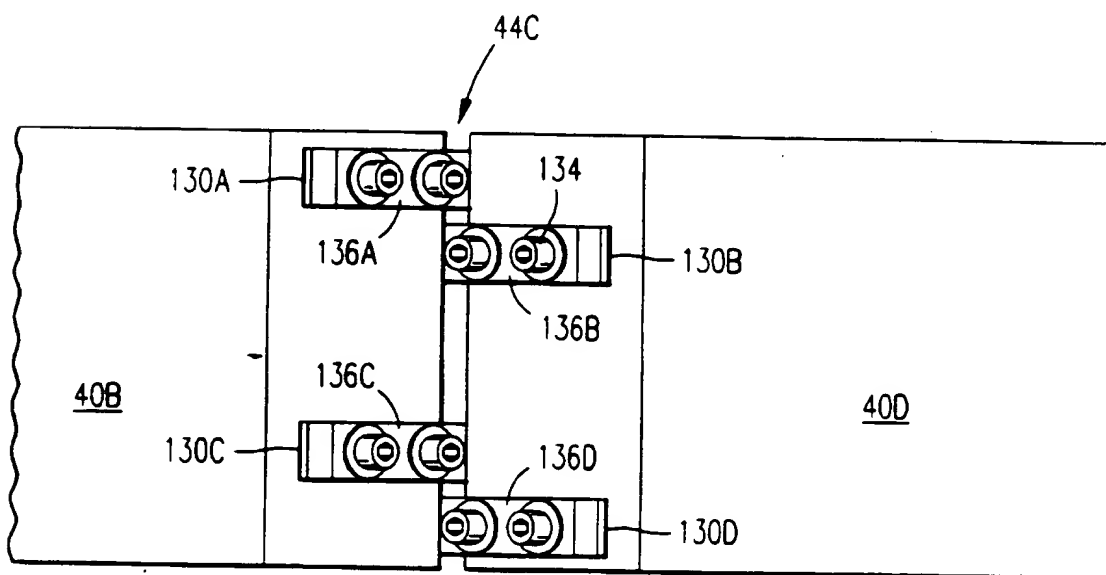


FIG. 6B

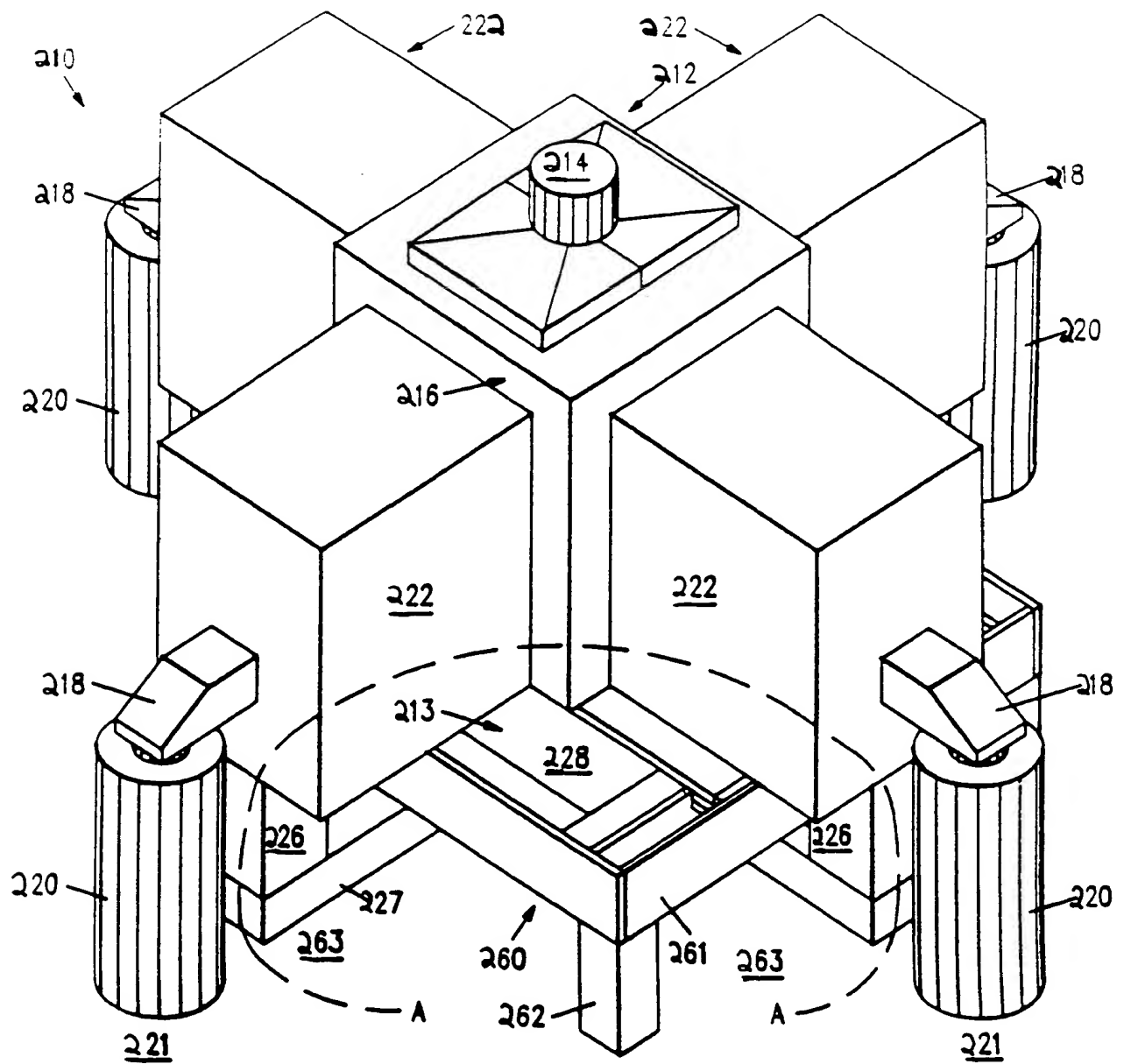


FIG. 7

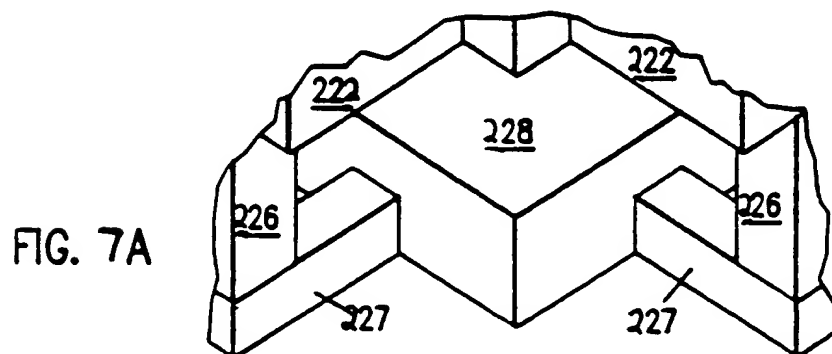


FIG. 7A

This diagram shows a cross-sectional view of a synchrotron radiation source assembly. At the top, a dashed line indicates a vacuum chamber containing a Light Modulator (LMP), an Electron Modulator (EM), and a FEL (Free Electron Laser) section. Below these is a curved mirror (CL). The main body of the assembly is a large, rectangular structure (212) with a central vertical channel. The top of this structure is capped with a ring (R) and a ring support structure (RST). The central channel is lined with a material labeled PL(216). The base of the structure is supported by a series of vertical pillars (220) and a base plate (221). The base plate is divided into sections (222, 226, 227) and is supported by a foundation (228). A central vertical rod (230) passes through the structure, with a weight (W) and a ring (238X) attached. The entire assembly is mounted on a base (213).

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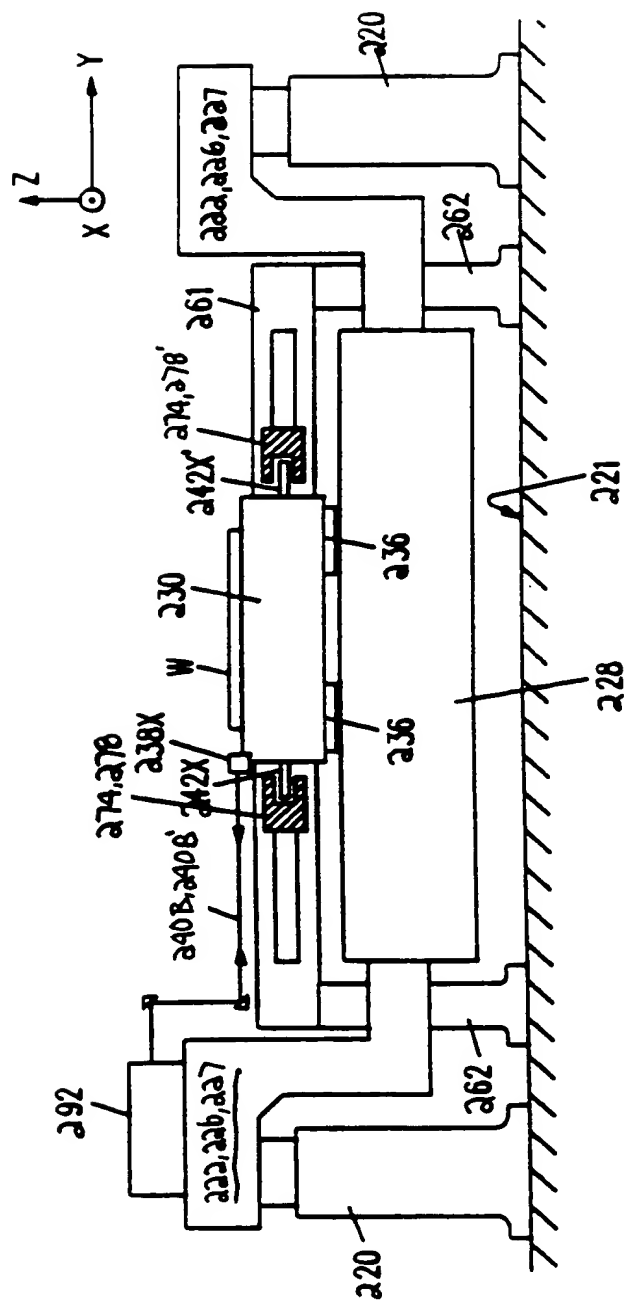
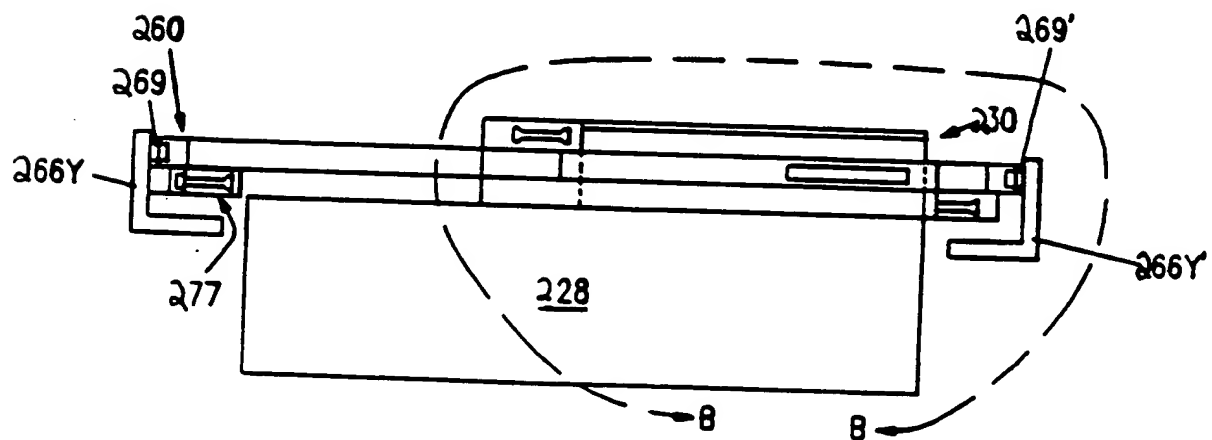
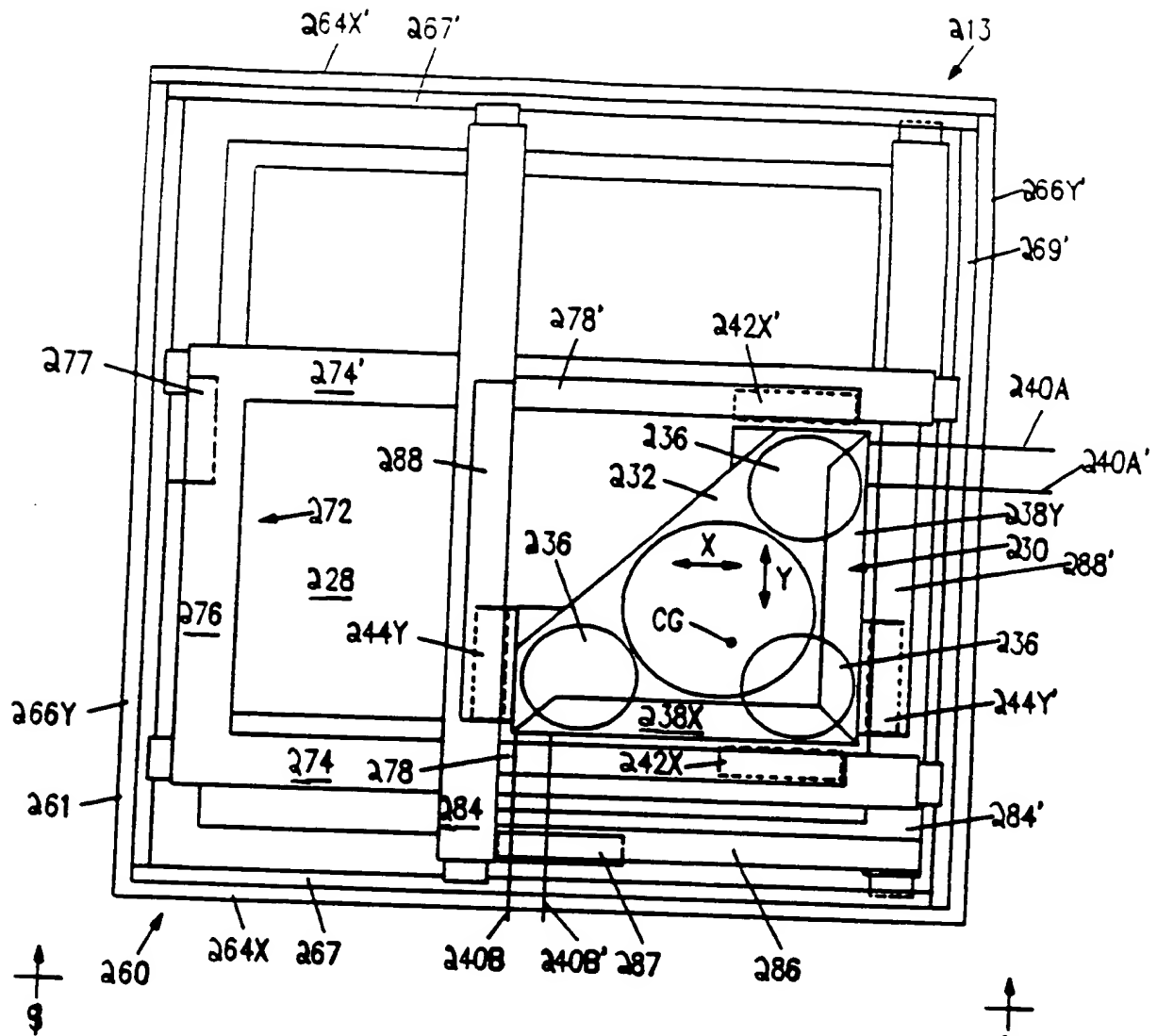


FIG. 7C



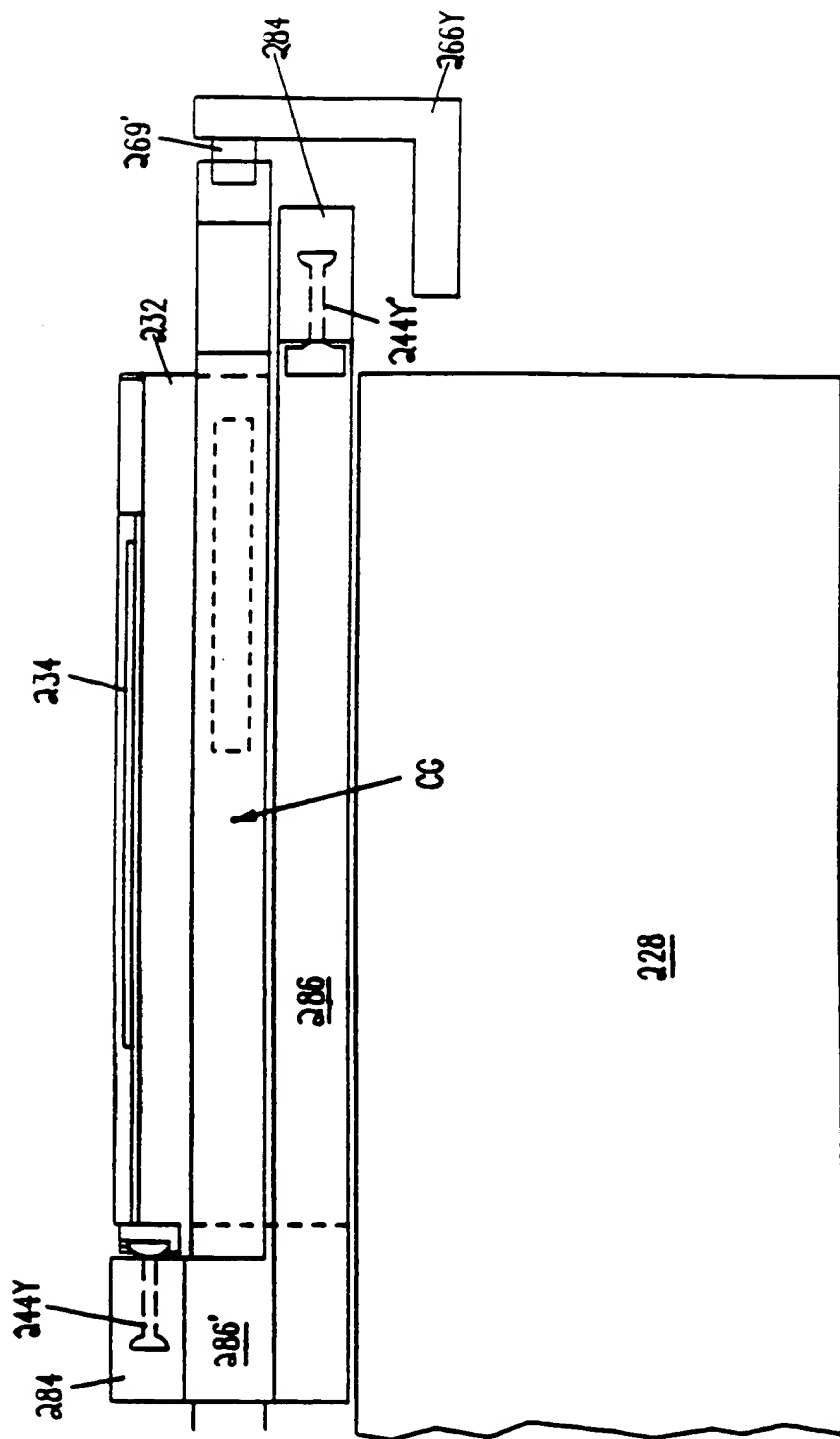


FIG. 9A

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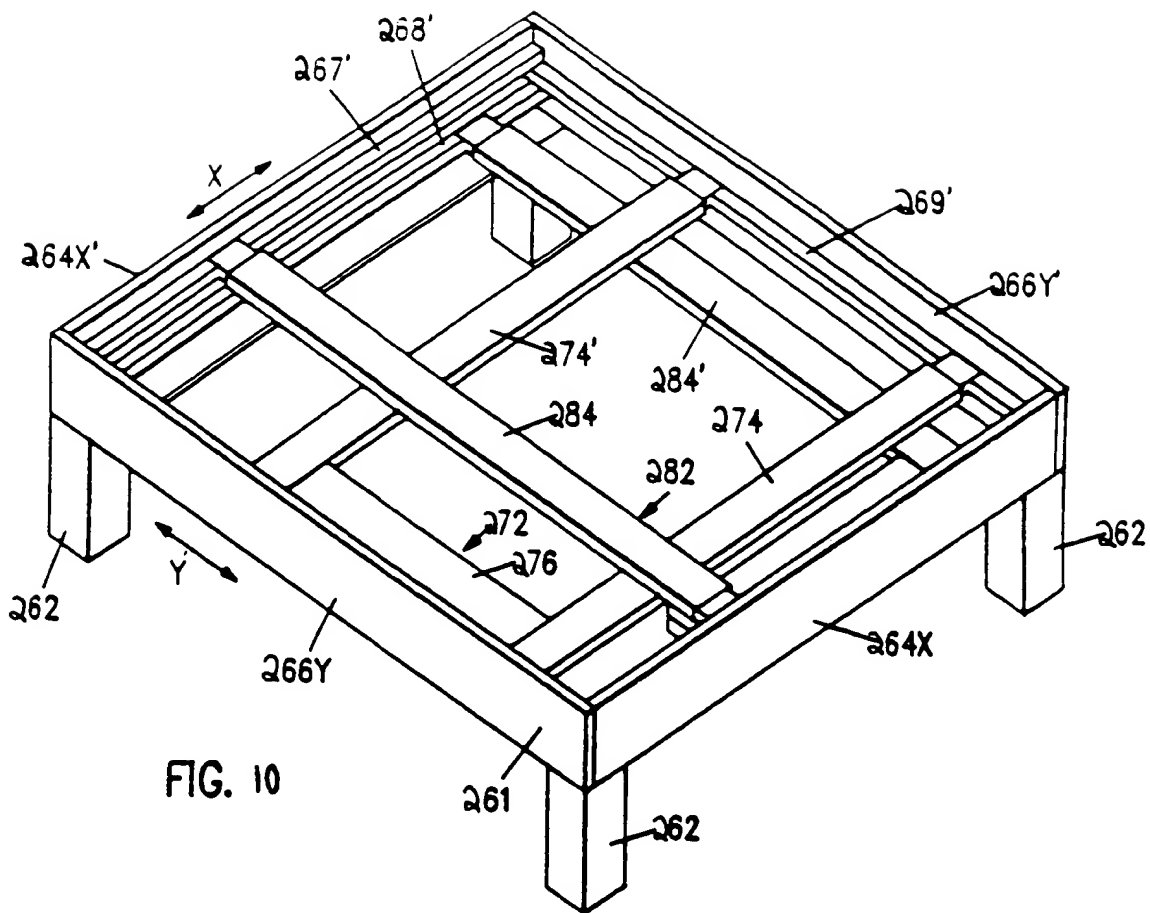


FIG. 10

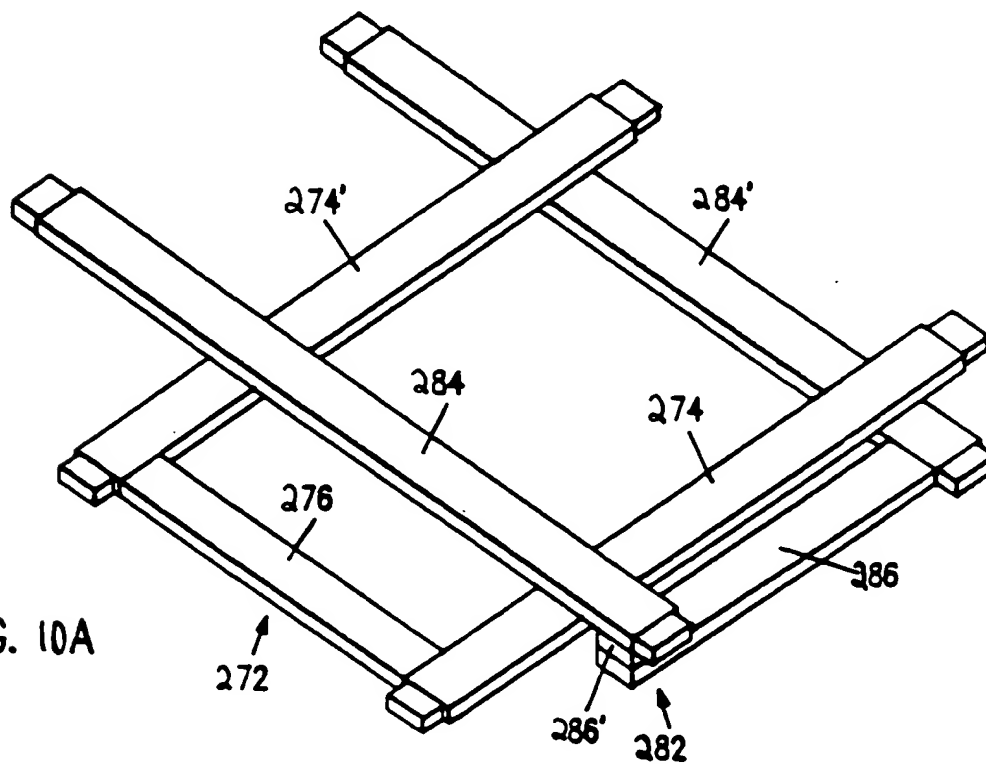


FIG. 10A

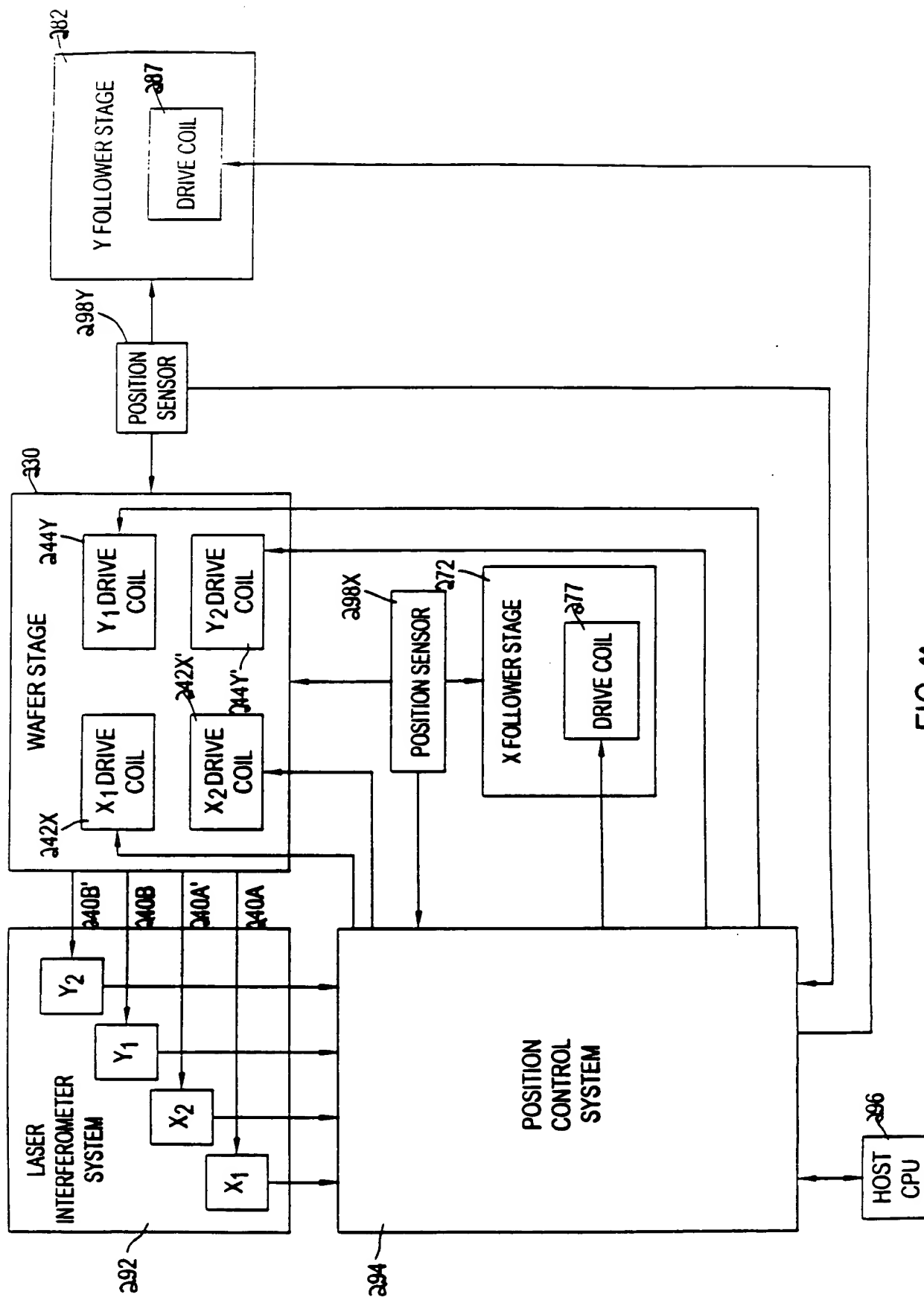


FIG. 11

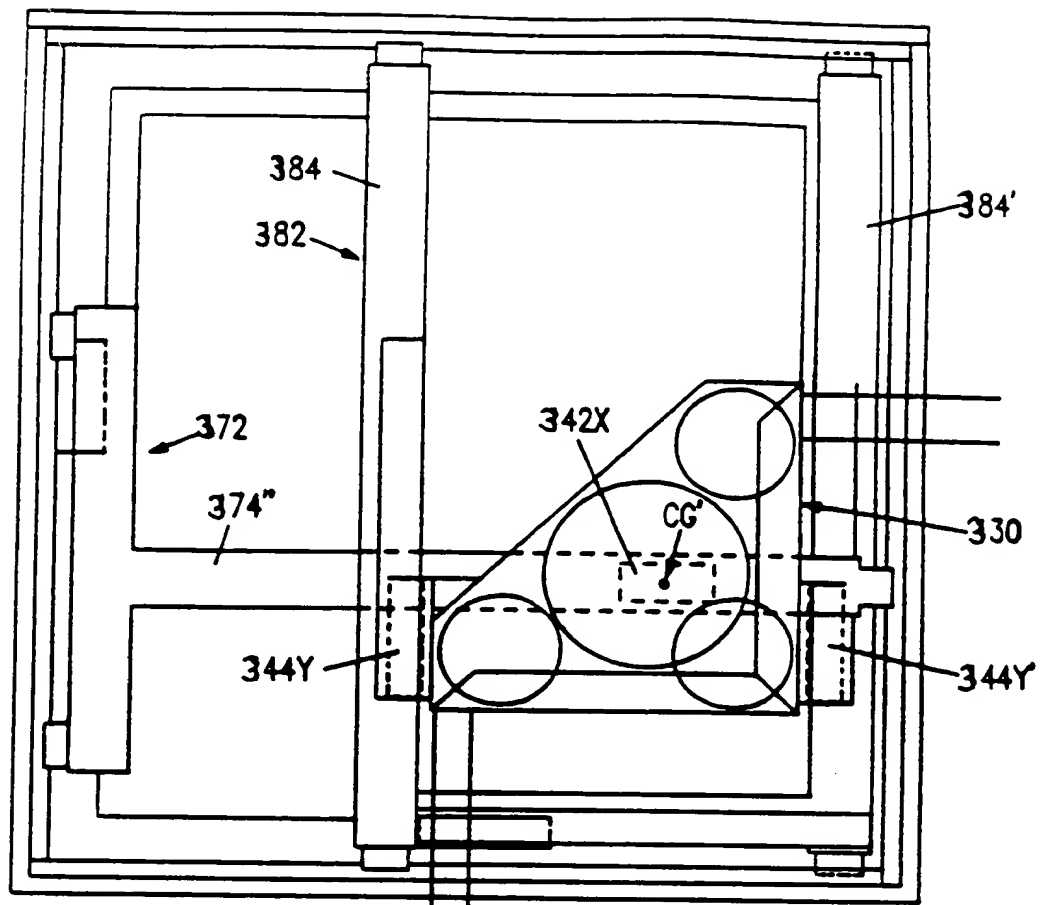


FIG. 12

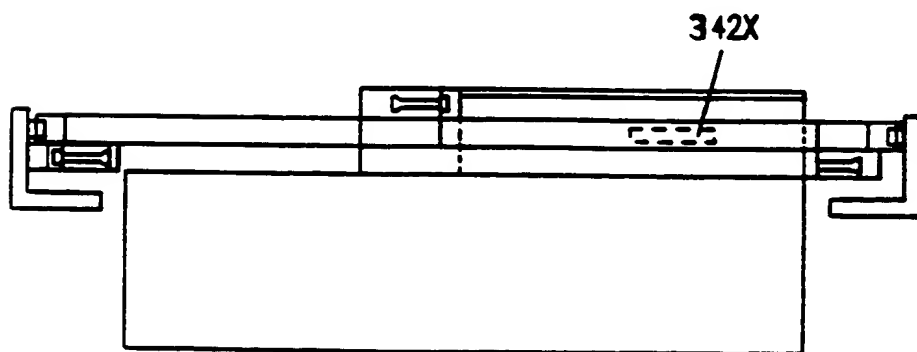


FIG. 13

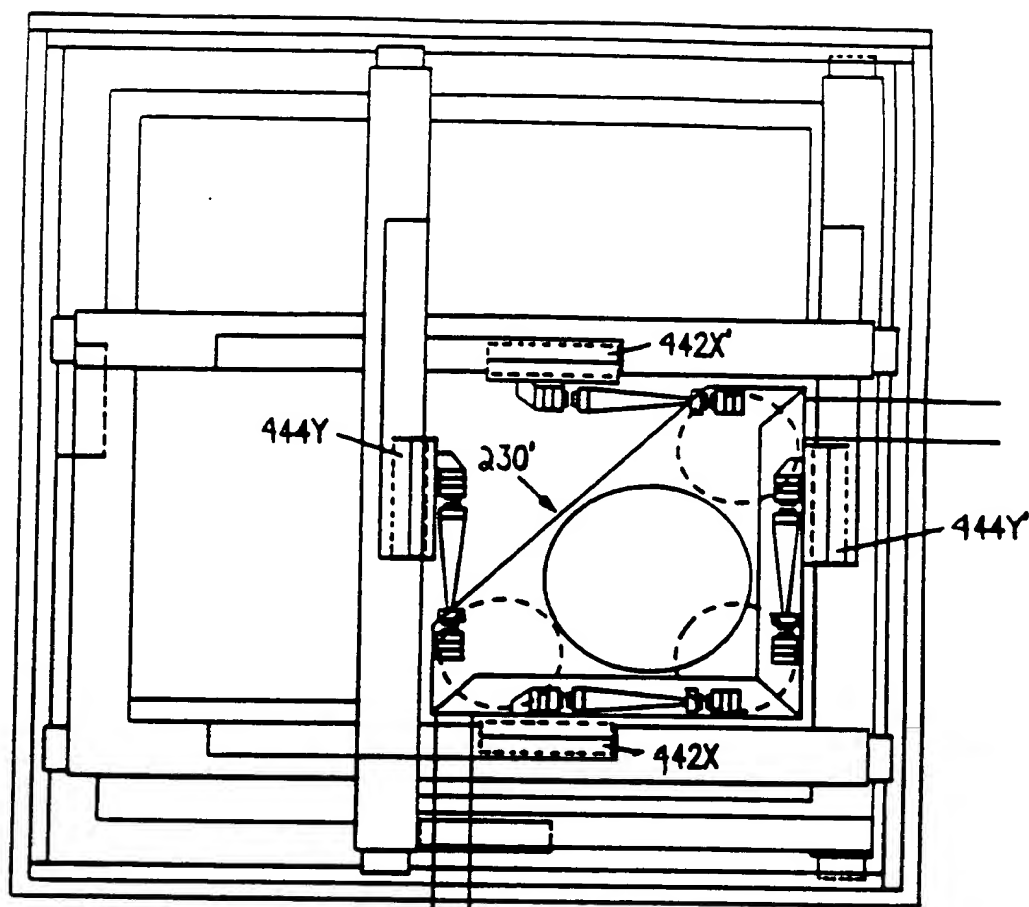


FIG. 14

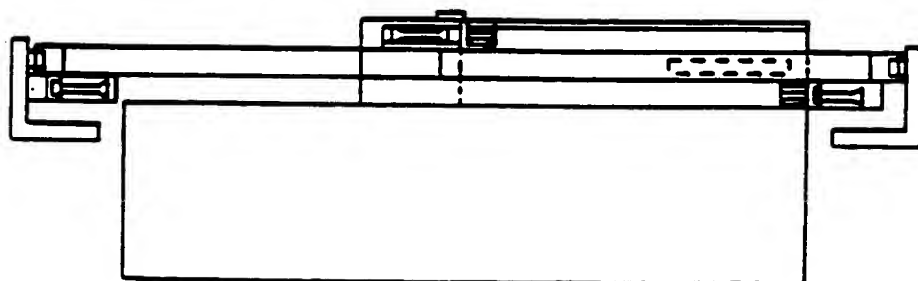


FIG. 15

FIG. 16

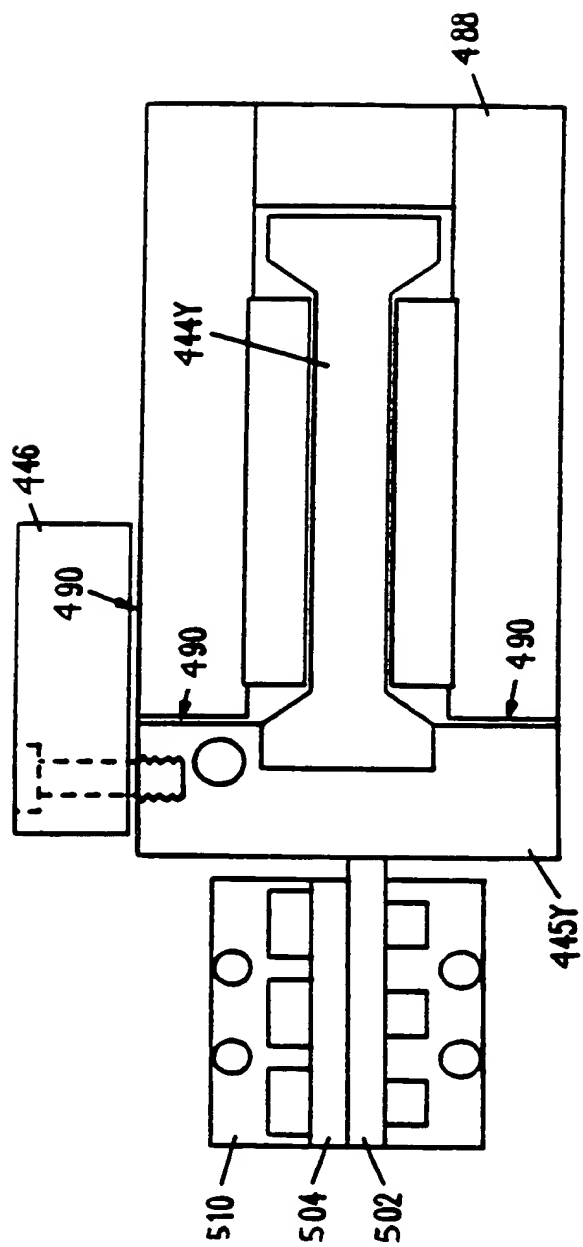


FIG. 17